

Abstract:

The device is characterized by units of pairs of two friction or sliding shoes (28) and (29), running on a metal guide rail (2), each fixed to a self-guidance unit (16), by way of rollers (26) and (27), running along the guide rail. The shoes (28) and (29) form an electrical circuit with the guide rail (2), comprising a detector with a safety loop supplied by a low voltage (BT+ and BT-) generator loop through which a current flows when the electrical grounding contacts via the shoes (28) and (29) and the guide rail (2) are correct. According to the quality of the electrical contact at the shoes (27) and (28), the security loop will be open or closed, representing a potential risk or no risk. The invention is of utility to producers of public transport vehicles which run on tires and are self-guiding.